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13 August 1963
Copy 3 of 1

MEMORANDUM FOR: Chief, Resources Division, ORR

ATTENTION :

FROM :

SUBJECT : Three Pei-ping Power Plants

REFERENCES : (1) ORR Requirement RR/86/63, dated 15 April 1963
(2) CIA/PID Project C 541/63

Declass Review by NGA.

1. This memorandum is forwarded in answer to your referenced requirement concerning the location of a new power plant located on the western edge of Pei-ping, near the Shih-ching-shan Iron and Steel Works.

2. A search was made of all available photography covering this location. In the process of identification and analysis of the area, three power plants were identified in close proximity to each other and to the Shih-ching-shan Iron and Steel Works. A brief description and copies of selected photography of the plants are included in this memorandum. For convenience and clarity the plants have been assigned arbitrary designators of "A", "B" and "C" (See Figures 1-3). The information pertaining to each are as follows:

- (a) Thermal Power Plant "A" - This plant is located 2 nm NW of the Shih-Ching-Shan Iron and Steel Works at 39 56N - 116 07E (See Figures 2, 3 and 4). The best photography of the plant was taken from [] Although this was high oblique photography, the photo resolution was good and provided the necessary details which contributed to the identification of the plants. This plant appears to be more of the "typical", more modern plants, the type that has become more common in the Soviet Bloc countries. The plant has a large boiler house and generator hall served by a long covered conveyor connected to coal treatment and storage buildings. The boiler house and generator hall measures approximately 310 x 150' and 325' x 55' respectively. The plant did not appear to be operating on the photography of [] it did appear to be operational on photography of [] A probable substation is located on the north side of the generator hall. The plant is rail served and at least two branch spurs are discernible within the plant area. This plant is probably the "new" plant referred to in your requirement. Although the plant is operational, there still remains many indicators of new or recent construction within the plant area.

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- (b) Thermal Power Plant "B" - This is the Pei-ping Thermal Power Plant, Shih-ching-shan [redacted] it is located approximately one nautical mile northwest of the Shih-ching-shan Iron and Steel Works. This plant appears to be an old facility probably one that has undergone several changes and additions since it was initially constructed. The boiler house, generator housings and substation are discernible. This plant appeared to be operational on all of the photography analysed.
- (c) Thermal Power Plant "C" - This plant is situated adjacent to the Shih-ching-shan Iron and Steel Works at coordinates 39 54N - 116 09E. Because of its close location, this plant could possibly be either or both a steam plant or an electric power plant. Limiting factors of smoke and haze on most of the available photography do not permit a more definite interpretation at this time. Some features that are discernible include (See Figure 4), a probable boiler house served by a long covered conveyor system, a blower housing and a tall stack. The (if one exists) generator housing and any indicators of substation equipment were not discernible.

4. The measurements of the new power plant were corroborated by a list of measurements provided by the Technical Intelligence Division (TID/NPIC) for this study.

5. The analyst assigned to this project was [redacted] who may be contacted directly on extension [redacted] should any questions arise concerning this project.

ENCLOSURES:

CIA/FID/IB-P-285/63 - P-288/63

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